BRUHATH BANGALORE MAHANAGARA PALIKE

Rajarajeshwari Nagar Zone

O/o Executive Engineer(Ele), Rajarajeshwari nagar Zone, BBMP, Bangalore

Bill of Quantities (BOQ)

Memorandum Showing the Specifications, Quantities and Rates of items to be Executed

Name of the Work-:Operation and maintenance of street lighting system in ward no-16, Package R1 of Rajarajeshwari Nagar Zone.

Tender Number: - BBMP/2021-22/EL/WORK_INDENT49981

Name of the Contractor: A N PREMACHANDRABABA (PREMA ELECTRICAL ENTERPRISES)

SNo	Approved Qty	Item Name	Sanctioned Tender Rates in Rs			
			Unit	Rate in Figure (Per Annum)	Rate in Words (Per Annum)	Total Amount in Rs (Per Annum)
1	84	Part A Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 36/40 watt fluoroscent tube light street lighting systems.	Each	685.45	Rupees Six Hundred and Eighty Five Only Paise Forty Five Only	57577 80
2	10	Part A Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 125 watt HPMV park lighting systems.	Each	756.29	Rupees Seven Hundred and Fifty Six Only Paise Twenty Eight Only	7562 90
3	203	Part A Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 250 watt HPSV street light lighting systems.	Each	1019 41	Rupees One Thousand and Nineteen Only Paise Forty Only	206940 23

For PREMA ELECTRICAL ENTERPRISES

Contractor

Proprietor

EE(ELE-RRN)

SNo	Approved Qty	Item Name	Sanctioned Tender Rates in Rs			
			Unit	Rate in Figure (Per Annum)	Rate in Words (Per Annum)	Total Amount in Rs (Per Annum)
4	50	Part A Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 400 watt HPSV street light/high mast lighting systems.	Each	1118.08	Rupees One Thousand One Hundred and Eighteen Only Paise Seven Only	55904.00
5	200	Part A Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 65 watt LED street light lighting systems.	Each	1147.43	Rupees One Thousand One Hundred and Forty Seven Only Paise Forty Three Only	229486.00
6	100	Part A Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 90 watt LED street light lighting systems.	Each	1377.66	Rupees One Thousand Three Hundred and Seventy Seven Only Paise Sixty Six Only	137766.00

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Contractor Proprietor

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SNo	Approved Qty	Item Name	Sanctioned Tender Rates in Rs			
			Unit	Rate in Figure (Per Annum)	Rate in Words (Per Annum)	Total Amount in Rs (Per Annum)
7	77	Part A Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 110/120 watt LED street light lighting systems.	Each	1575.5	Rupees One Thousand Five Hundred and Seventy Five Only Paise Fifty Only	121313.50
8	701	Part A Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 24 watt to 40 watt LED park/ street lightimng system lighting systems.	Each	880.01	Rupees Eight Hundred and Eighty Only Paise Zero Only	616887.01
9	3	Part B Supplying of Microprocessor Based Astronomical timer Switch	Each	2418	Rupees Two Thousand Four Hundred and Eighteen Only	7254.00
10	2	Part B Supplying of 4 Pole Power contactor with NO/NC Contactor 100-125 amps.	Each	4320	Rupees Four Thousand Three Hundred and Twenty Only	8640.00
11	2	Part B Supplying of 4 Pole 100Amps 25kA Moulded Case Circuit Breaker(MCCB).	Each	3840	Rupees Three Thousand Eight Hundred and Forty	7680.00
12	2	Part B Supplying of 50-63Amps DP Miniature Circuit Breakers	Each	813	Rupees Eight Hundred and Thirteen Only	1626.00
13	150	Part B Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975. 4 core 16 sqmm.	Mtr	150	Rupees One Hundred and Fifty Only	22500.00

For PREMA ELECTRICAL ENTERPRISES

Proprietor

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SNo	Approved Qty	Item Name	Sanctioned Tender Rates in Rs			
			Unit	Rate in Figure (Per Annum)	Rate in Words (Per Annum)	Total Amount in Rs (Per Annum)
14	140	Part B Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. On wall /Structure. 6 sqmm to 16 sqmm	Mtr	30	Rupees Thirty Only	4200.00
15	10	Part B Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. 300mmx300mmx214mm	Each	3754	Rupees Three Thousand Seven Hundred and Fifty Four Only	37540.00
16	10	Part B Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics). Three pole 100amps 25KA	Each	4530	Rupees Four Thousand Five Hundred and Thirty Only	45300.00
17	6	Part B Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40x40x6mm	Mtr	255	Rupees Two Hundred and Fifty Five Only	1530.00
18	3	Part B Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/ DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. 100Amps 4x30x6mm Aluminium Strips	Mtr	2050	Rupees Two Thousand and Fifty Only	6150.00
19	6250	Part B Supplying and fixing hylum plastic sheet 3mm thick with necessary nitches for fixing switches, regulators etc., and fixing on existing wood or metal box using N.F. screws.	Sq cm	0.24	Rupees Zero Only Paise Twenty Four Only	1500.00

For PRERNA ELECTRICAL ENTERPRISES

Proprietor

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SNo	Approved Qty	Item Name	Sanctioned Tender Rates in Rs			
			Unit	Rate in Figure (Per Annum)	Rate in Words (Per Annum)	Total Amount in Rs (Per Annum)
20	20	Part B Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 25 sqmm Long Barrel	Each	20	Rupees Twenty Only	400 00
21	250	Part B Wiring for lighting/power circuit using one of PVC insulated 1100V grade, stranded Aluminium wire single core in open or concealed system of wiring. 10sqmm	Mtr	17	Rupees Seventeen Only	4250 00
		Total				**1582007.44**
		GST Applicable @12% on Item No 09 To 21				**17828.40**
		Total Amout(Including GST)				**1599835.84**
		Tender premium				**SR Rate**

Certificate:-

a) I agree to Execute this work at the Rates mentioned above in the Schedule-B/BOQ.
b) I am ready to carry out the work as per the directions of Engineer-in-Charge of Work.
c) I am ready to carry out the work as per the tender terms and conditions.

For PREMA ELECTRICAL ENTERPRISES
Seal & Signature of Contractor
Proprietor

Executive Engineer(Ele),
Bruhat Bangalore Mahanagara Palike,
RR Nagar Zone

EE(ELE-RRN

Contractor